

# Intercontinental Terminals Fire – March 2019

## TCEQ’s Handheld Monitoring Equipment Data

In response to the Deer Park fire at the Intercontinental Terminals Co. that began on March 17, 2019, TCEQ Regional Investigators initiated handheld monitoring surveys shortly after the notification of the event. Teams are conducting ongoing air monitoring surveys utilizing handheld monitoring equipment throughout the affected area. A MultiRae was used for all survey activities. This instrument provides instantaneous readings for the lower explosive limit (LEL), volatile organic compounds (VOC), hydrogen sulfide (H<sub>2</sub>S), carbon monoxide (CO), and oxygen levels (O<sub>2</sub>). A Toxic Vapor Analyzer (TVA), a handheld instrument that measures most organic and inorganic gases, was also used for most site visits.

All sample results are listed below, including observations of odor and potential alternate sources for odor or instrument readings. Please note that all TVA results reported are recorded in parts per million (ppm) and negative readings are acceptable when they are within the acceptable range of error. Normal/background levels of VOCs were noted to be 2.3 ppm-2.4 ppm. Locations surveyed are all within the City of Houston unless otherwise noted.

<b>Wednesday, March 27, 2019</b>						
<b>Date</b>	<b>Location</b>	<b>Time (Approx.)</b>	<b>Instrument</b>	<b>Parameters</b>	<b>Survey Results</b>	<b>Other Notes/Observations</b>
3/27/2019	1700 Dumble St, Houston	2:08 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Abshire Stadium, 710 W. San Augustine St., Deer Park	2:22 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub>	0 ppm, oxygen normal	No odor
3/27/2019	5000 Harrisburg Blvd., Houston	2:34 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Preston Ave. and Fleming Dr., Pasadena	2:48 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H <sub>2</sub> S, CO, O <sub>2</sub>	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Leeland St. and Delano St., Houston	2:57 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Gamma	0 ppm, oxygen normal	No odor
3/27/2019	1200 East Blvd., Deer Park	3:01 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub>	0 ppm, oxygen normal	No odor
3/27/2019	3000 Garrow St., Houston	3:21 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Preston Ave. and Primrose Dr., Pasadena	3:37 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H <sub>2</sub> S, CO, O <sub>2</sub>	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Guadalupe Plaza Park, 2311 Runnels St., Houston	3:39 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Gamma	0 ppm, oxygen normal	No odor
3/27/2019	9705 Spencer Hwy., La Porte	3:45 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub>	0 ppm, oxygen normal	No odor
3/27/2019	808 N. York St., Houston	4:00 PM	MultiRAE Pro	VOC, LEL, CO, H <sub>2</sub> S, O <sub>2</sub> , Gamma	0 ppm, oxygen normal	No odor

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3/27/2019	Spencer Hwy. and East. Blvd., Deer Park	4:20 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/27/2019	4900 Providence St., Houston	4:22 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Mae Smythe Elementary School, Pasadena	4:25 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	6402 Market St., Houston	4:49 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Spencer View Athletic Complex, Deer Park	4:55 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/27/2019	Hidalgo Park, 7000 Avenue Q, Houston	5:14 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Cleveland St. and Garner Rd., Pasadena	5:16 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Partnership Park, Pasadena	5:22 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/27/2019	7520 Avenue H, Houston	5:39 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	6801 Avenue I, Houston	5:59 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Felix Morales Elementary School, Pasadena	6:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	6902 Sherman St.	6:08 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Golden Acres Recreation Center, Pasadena	6:12 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/27/2019	118 Glendale St., Houston	6:30 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	Southmore Park, Pasadena	6:44 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/27/2019	7902 Baltimore St., Houston	6:49 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	W. Shaw Ave. and Tascott St., Pasadena	6:50 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	1324 Miles St., Houston	7:00 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Nancy Rose St. and Gainsville St., Channelview	7:00 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	710 Medina St., Houston	7:08 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor

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3/27/2019	1560 Miles St., Houston	7:12 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor, see if I can find way around train, hasn't moved
3/27/2019	14538 Hillsboro, Channelview	7:15 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Pasadena Blvd., Red Bluff Rd., Pasadena	7:20 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/27/2019	8510 Manchester St., Houston	7:28 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	14623 Muscatine St., Channelview	7:30 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	12973 Industrial Road, Houston	7:37 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	14200 McNair, Channelview	7:45 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	1601 Broadway St., Houston	7:50 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	12754 Coulson Dr., Houston	7:51 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	13711 McNair St., Channelview	8:00 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	1884 Federal Road, Houston	8:04 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Burke Rd. and Red Bluff Rd., Pasadena	8:05 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	7302 Keller St., Houston	8:13 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	13718 Laredo St., Channelview	8:15 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	12602 East Fwy., Houston	8:19 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	13801 Hollypark Dr., Channelview	8:30 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Garden St. and Floral St., Houston	8:31 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	12138 Woodforest Dr., Houston	8:34 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	14218 Forest, Channelview	8:45 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	6700 Park Lane., Houston	8:53 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	11086 Verano St., Houston	8:54 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

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3/27/2019	Milby Park, Pasadena	8:58 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	14218 Laredo St., Channelview	9:00 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	1856 Holland Ave., Houston	9:09 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	14407 Roundstone Ln., Channelview	9:10 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	5700 Lawndale St., Houston	9:12 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2, Gamma	0 ppm, oxygen normal	No odor
3/27/2019	1356 16th St., Galena Park	9:24 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	14015 Crosshaven Dr., Channelview	9:25 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	1303 Clinton Dr., Galena Park	9:37 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	North Shore Middle School, 120 Castlegory Rd., Channelview	9:40 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	153 North Main St., Galena Park	9:49 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Hartman Park, Pasadena	9:50 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	13300 Thorntree Dr., Channelview	9:55 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	1809 North Main St., Galena Park	10:03 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	326 Edgeton Ct., Channelview	10:10 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	B. C. Elmore Elementary School, Houston	10:15 PM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/27/2019	1703 Mercury Dr., Houston	10:17 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	295 Wood Loop St., Channelview	10:20 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Pugh Elementary School, Houston	10:23 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	1.0 ppm; 2-80 µrem/gamma, no other readings	No odor
3/27/2019	861 Mercury Dr., Houston	10:32 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

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3/27/2019	14030 Merry Meadow Dr., Channelview	10:35 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Sheldon Elementary School	10:40 PM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	1.0 - 1.1 ppm; 0 ppm, oxygen normal	Intermittent very light to moderate gasoline odors detected as well as light odors detected for approximately five minutes during the thirty-minute odor survey.
3/27/2019	Mount Canaan Church, 7400 W. Wayside Dr., Houston	10:42 PM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/27/2019	R. Martinez Elementary School, Houston	10:44 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	1.15 ppm; 3-4 µrem/gamma, no other readings	No odor
3/27/2019	5901 Lansdown Dr., Channelview	10:50 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	502 Donnacorey Dr., Houston	10:51 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Scroggins Elementary School	11:06 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	1.16 ppm; 2 µrem/gamma, no other readings	No odor
3/27/2019	9544 East Fwy., Houston	11:12 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Crestview Dr. and Tremont St., Houston	11:12 PM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/27/2019	3967 Fidelity St., Houston	11:26 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Eliot Elementary School, Houston	11:26 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.84 ppm; 2 µrem/gamma, no other readings	No odor
3/27/2019	2810 E Sam Houston Pkwy N., Houston	11:35 PM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.8 - 1.1 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	2070 Fidelity St., Houston	11:39 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	6715 Stableton Ln., Channelview	11:45 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/27/2019	Atherton Elementary School, Houston	11:49 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.60 ppm; 3-101 µrem/gamma, no other readings	No odor
3/27/2019	Tidwell Rd. and Mesa Dr., Houston	11:50 PM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/27/2019	9777 Clinton Dr., Houston	11:51 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

**Thursday, March 28, 2019**

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3/28/2019	15219 Dellwild Ct., Channelview	12:00 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Benson St. and Market Street, Houston	12:09 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.46 ppm; 4 µrem/gamma, no other readings	No odor
3/28/2019	Royalwood Elementary, Houston	12:15 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.8 - 0.9 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	3224 East Hwy., Houston	12:18 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	7102 E. Sam Houston Pkwy., Channelview	12:20 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Mickey Leeland College Preparatory Academy, Houston	12:29 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.37 ppm; 2 µrem/gamma, no other readings	No odor
3/28/2019	7226 Liberty Mesa Ln., Channelview	12:35 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6946 Liberty Creek Trl., Channelview	12:50 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Dogan Elementary School, Houston	12:50 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.45 ppm; 3 µrem/gamma, no other readings	No odor
3/28/2019	St. Dominic Catholic Church, 8215 Reservoir Dr., Houston	12:50 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.8 - 0.9 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	8800 Brock Park Blvd., Houston	12:54 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	8798 Josie St., Houston	12:58 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6735 Providence View Ln., Channelview	1:05 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Lamar Fleming Middle School, Houston	1:10 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.55 ppm; 4 µrem/gamma, no other readings	No odor
3/28/2019	East Loop Fwy. North, Houston	1:13 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	8530 C E King Pkwy., Houston	1:16 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	7801 Miller Rd., Channelview	1:20 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13330 Tidwell Road, Houston	1:20 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.9 - 1.0 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	1289 Maxine St., Houston	1:27 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	16777 Wallisville Rd., Channelview	1:35 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	8867 Clinton Dr., Houston	1:41 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

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3/28/2019	7335 S. Lake Pkwy, Houston	1:45 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	Parkway Baptist Church, 12818 Tidwell Road, Houston	1:45 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.8 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Kashmere Gardens Elementary, Houston	1:46 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.52 ppm; 2 µrem/gamma, no other readings	No odor
3/28/2019	16546 Twin Walker Dr., Channelview	1:50 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	2335 McCarty St., Houston	1:55 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Falcon Park, Market St. and Dewey St., Houston	2:00 AM	UltraRAE; MultiRAE	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor. UltraRAE battery dies at the end of the survey.
3/28/2019	15410 Reigate Ln., Channelview	2:05 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Hutcheson Park, Lockwood Dr. and Hwy 610, Houston	2:06 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.55 ppm; 2 µrem/gamma, no other readings	No odor
3/28/2019	1411 McCarty St., Houston	2:09 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12801 Robert E. Lee Rd., Houston	2:10 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.8 - 0.9 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6310 S. Lake Pkwy, Houston	2:18 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	1311 Sterling Green Ct., Channelview	2:20 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	639 McCarty St., Houston	2:21 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	St. Francis of Assisi Catholic Church, Houston	2:28 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.59 ppm; 3 µrem/gamma, no other readings	No odor
3/28/2019	15026 N. Brentwood St., Channelview	2:35 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	1501 Gellhorn Dr., Houston	2:37 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12741 Columbine Ln., Houston	2:40 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.6 - 0.8 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	First Baptist Church of Jacinto City, Houston	2:43 AM	MultiRAE	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	15611 N. Brentwood St., Channelview	2:50 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

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<b>Date</b>	<b>Location</b>	<b>Time (Approx.)</b>	<b>Instrument</b>	<b>Parameters</b>	<b>Survey Results</b>	<b>Other Notes/Observations</b>
3/28/2019	St. Luke Missionary Baptist Church, Houston	2:50 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.57 ppm; 3-4 µrem/gamma, no other readings	No odor
3/28/2019	162 Mississippi St., Houston	2:57 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Hwy. 90 and Mercury Dr., Houston	3:01 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	17504 River Rd., Channelview	3:05 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Midtown Family Worship Center, Houston	3:10 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.44 ppm; 2-3 µrem/gamma, no other readings	No odor
3/28/2019	2208 10th St., Galena Park	3:15 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	903 Woodland St., Channelview	3:20 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12333 Ticonderoga Rd., Houston	3:20 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.9 - 1.0 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Whittler Elementary School, Houston	3:20 AM	MultiRAE	LEL, VOC, H2S, CO, O3	1 ppm, oxygen normal	No odor
3/28/2019	1024 Parkside Dr., Galena Park	3:28 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Tuffly Park, Houston	3:30 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.34 ppm; 1-3 µrem/gamma, no other readings	No odor
3/28/2019	Crenshaw Elementary School, Channelview	3:35 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	10044 Wallisville Rd., Houston	3:40 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	10953 Burman St., Houston	3:46 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	1015 Lakeside Dr., Channelview	3:50 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Boyce-Doran Park, Houston	3:55 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.72 ppm; 2 µrem/gamma, 0.1 SO2, no other readings	No odor. The SO2 readings keep on reading 0.0 or 0.1 ppm.
3/28/2019	605 Baca St., Houston	4:00 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	228 Beth Ln., Channelview	4:05 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13531 Wileywood Dr., Houston	4:05 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.6 - 0.9 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	2215 Clinton Dr., Galena Park	4:06 AM	MultiRAE	LEL, VOC, H2S, CO, O4	2 ppm, oxygen normal	A musky odor (very light) detected.



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3/28/2019	Japhet Creek Park, Houston	4:17 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.63 ppm; 3 µrem/gamma, 0.1 SO2, no other readings	No odor. The SO2 readings keep on reading 0.0 or 0.1 ppm.
3/28/2019	800 Coolwood Dr., Houston	4:18 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	8115 E. Houston Rd., Houston	4:18 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	17180 Market St., Channelview	4:20 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12294 Coulson Dr., Houston	4:34 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Phillis Wheatley High School, Houston	4:37 AM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, SO2, Gamma	0.51 ppm; 1-3 µrem/gamma, 0.1 SO2, no other readings	No odor. The SO2 readings keep on reading 0.0 or 0.1 ppm. The MultiRAE Pro battery died at the end of the odor survey.
3/28/2019	13301 Halifax St., Channelview	4:40 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Beaumont Place Baptist Church, 13101 Ivydale Dr., Houston	4:45 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.5 - 0.7 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Wilke Park, Challenger 7 Dr., and Mercury Dr., Houston	4:47 AM	MultiRAE	LEL, VOC, H2S, CO, O5	3 ppm, oxygen normal	The MultiRAE battery died at the end of the survey.
3/28/2019	13330 Vicksberg St., Channelview	4:50 AM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12945 Myrtle Lane, Houston	4:56 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	10725 Mesa Dr., Houston	4:58 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	Kress Lyons Park, Kress St. and East Fwy., Houston	5:00 AM	TVA	VOC	0.57 ppm	No odor
3/28/2019	1200 Jeanne Ln., Houston	5:10 AM	TVA, MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	0.6 - 0.9 ppm, 0 ppm, oxygen normal	No odor
3/28/2019	US Postal Service, Granville W. Elder Station, 550 Maxey Rd., Houston	6:35 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.47 - 1.83 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	8611 Wallisville Rd., Houston	6:35 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	7935 Snowden St., Houston	6:58 AM	TVA	VOC	6.17 ppm	Collecting background, no action level readings
3/28/2019	Meadowbrook Park, 319 Park Dr., Channelview	7:00 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor

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3/28/2019	J. P. White Park, Dewey St. Houston	7:15 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.72 - 2.04 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	9110 Tidwell Rd., Houston	7:15 AM	TVA	VOC	2.56 ppm	Re-do background outside of the assigned monitoring area. First area was within our zone.
3/28/2019	555 Community College Dr., Northeast Campus, Houston	7:16 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	Houston Public Library, Lakewood Branch, Houston	7:25 AM	TVA	VOC	3.97 - 4.51 ppm	No odor
3/28/2019	17141 East Fry., Channelview	7:30 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	10912 Wallisville Dr., Houston	7:41 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	7300 E. Houston Rd., Houston	7:53 AM	TVA	VOC	5.38 - 8.52 ppm	No odor
3/28/2019	550 Clinton Dr., Galena Park	8:00 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.04 - 2.21 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	17103 River Rd., Channelview	8:00 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	4920 Oates Rd., Houston	8:07 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	Liberty Park, Houston	8:19 AM	TVA	VOC	2.70 - 7.05 ppm	No odor
3/28/2019	Galena Park Sporting Complex, 1900 N. Main St., Galena Park	8:25 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.11 - 2.22 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	906 Forest River Dr., Channelview	8:30 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	12026 Beaumont Hwy., Houston	8:33 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	Ranger St. and Rand St., Houston	8:49 AM	TVA	VOC	2.34 - 2.60 ppm	No odor
3/28/2019	Herman Brown Park, Oates Rd. and US Hwy 90, Houston	8:55 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.94 - 2.20 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	1101 Red Bud St., Channelview	9:00 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	8201 John Ralston Rd., Houston	9:08 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	3814 Herald St., Houston	9:17 AM	TVA	VOC	2.36 - 2.60 ppm	No odor
3/28/2019	Jacinto City Swimming Pool, 10215 1/2 Challenger 7 Dr., Jacinto City	9:30 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.95 - 2.18 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	16030 Bear Bayou Dr., Channelview	9:30 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Tidwell and Parkway Forest Dr., Houston	9:33 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor

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3/28/2019	7014 Darien St., Houston	9:51 AM	TVA	VOC	2.40 - 2.65 ppm	No odor. Approached by neighbor who said there was a gasoline odor/heavy oil odor on Monday, 3/18/2019 in the evening.
3/28/2019	12705 Robert E. Lee Rd., Houston	9:57 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	Harvey Brown Elementary School, Houston	10:00 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Evelyn J. Churchill Community Center, 1508 Hunter St., Galena Park	10:10 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.05 - 2.18 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13101 Ivydale Dr., Houston	10:26 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	7304 Homestead Rd., Houston	10:28 AM	TVA	VOC	2.54 - 2.85 ppm	No odor
3/28/2019	Twinland Missionary Baptist Church, Houston	10:30 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Pleasanton Manor Park, Portwall St. and Guinevere St., Houston	10:50 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.12 - 2.254 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Jay St. and Mariposa St., Houston	10:54 AM	TVA	VOC	2.59 - 2.95 ppm	No odor. Neighbor approached investigators about illegal dumping at the street's dead end.
3/28/2019	7803 Uvalde Rd., Houston	10:55 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	8330 Miller Rd #2, Houston	11:00 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Clinton Park, 200 Mississippi St., Houston	11:15 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.16 - 2.31 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	8200 Reservoir St., Houston	11:25 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	15325 Wallisville Rd., Houston	11:30 AM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Scarborough Elementary School, Houston	11:34 AM	TVA	VOC	2.24 - 2.79 ppm	No odor. While troubleshooting TVA, there was a strong odor of burning melted plastic odor that lasted about 30 seconds and dissipated quickly at 11:32 am and again at 11:44 AM.
3/28/2019	1717 Sheffield, Houston	11:50 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.28 - 2.42 ppm; 0 ppm, oxygen normal	No odor

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3/28/2019	Edgewood Village Trl. and Isle of Pines Ct., Houston	11:51 AM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	Smith Park on Market Street Rd., Houston	12:00 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.33 - 2.49 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	5 Maxey Rd., Houston	12:00 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Beltway 8 and Beaumont Hwy., Houston	12:22 PM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	12605 East Fwy, Houston	12:30 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	5400 Lockwood Dr., Houston	12:48 PM	TVA	VOC	2.85 - 3.18 ppm	No odor
3/28/2019	Lodgepole Rd. and Hawkeye Ct., Houston	12:57 PM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 -5 ppm CO, others 0 ppm, oxygen normal	No odor, CO spike range between 0 - 5 ppm
3/28/2019	Uvalde Baptist Church, Houston	1:00 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Tuffly Park, Houston	1:13 PM	TVA	VOC	2.91 - 3.06 ppm	No odor. TVA flawed out 12 minutes into the odor survey. Able to restart it.
3/28/2019	3731 Colvin St., Houston	1:28 PM	MultiRAE Light	LEL, VOC, H2S, CO, O2	0 ppm, oxygen normal	No odor
3/28/2019	14126 Woodwolf Ct., Houston	1:30 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Galena Park I.S.D. Agriculture Center, 1101 17th St. Galena Park	1:35 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	2.55 - 3.31 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Cliff Turtle Park, Houston	1:49 PM	TVA	VOC	2.81 - 3.04 ppm	No odor
3/28/2019	San Jacinto College, 5800 Uvalde Rd., Houston	2:00 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Cliff Turtle Park, Houston	2:20 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	7103 East Sam Houston Pkwy. N., Houston	2:30 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	9201 N. Loop E. Fwy., Houston	2:36 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	2.5 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Strawberry Water Park, Pasadena	2:47 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	-1.81 to -0.41 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6402 Market St., Houston	2:53 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	7835 N. Loop E. Fwy., Houston	2:59 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	1.5 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6500 E. Sam Houston Pkwy., Houston	3:00 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	6210 N. Wayside Dr., Houston	3:27 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.7 ppm; 0 ppm, oxygen normal	No odor

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3/28/2019	15830 Liberty River Dr., Houston	3:30 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	None noted	None noted
3/28/2019	7805 Darlington Dr., Houston	3:52 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.4 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6305 Miller Rd., Houston	4:00 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	2300 S. Sgt. Macario Garcia Dr., Houston	4:00 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Revelon Par, Pasadena	4:12 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	-0.32 to 0.52 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	9105 N. Wayside Dr., Houston	4:13 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.2 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	1210 Dell Dale St., Channelview	4:30 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Pasadena Memorial Park, Pasadena	4:40 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	-0.06 to 0.62 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Hillard Elementary School, Houston	4:40 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.2 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Pleasanton Manner Park, Houston	4:51 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Dell Dale Ave., Baptist Church, Channelview	5:00 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Michael R. Null Middle School, Houston	5:10 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.2 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Queens Intermediate School, Houston	5:11 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	0.22 to 0.81 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	C. E. King Middle School, Houston	5:27 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.2 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	226 Dell Dale St., Channelview	5:30 PM	MultiRAE Light	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Peiser Park, Houston	5:35 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	8923 E. Sam Houston Pkwy. N., Houston	5:35 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.2 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Middlecreek Village Park, Houston	5:47 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	0.27 to 0.98 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	8012 C. E. King Parkway., Houston	6:05 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.7 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Ingrando Park, Houston	6:08 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Oak Meadows Park, Houston	6:18 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	none; 0 ppm, oxygen normal	No odor

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3/28/2019	Spurlock Park, Houston	6:37 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	218 Dell Dale Blvd, Channelview	6:50 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	W. Hart Ave. and Sunset Dr., Houston	6:58 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	-0.01 to 1.07 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Sam Houston Elementary School, 4101 E. Sam Houston Pkwy., Houston	7:00 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	883 Knobhollow, Channelview	7:04 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Diez Park, Houston	7:05 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	Nimitz St. and Manor St., Houston	7:15 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	880 Sheldon Rd., Channelview	7:19 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	B.C. Elmore Elementary School, Houston	7:27 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.3 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	825 Manor St., Houston	7:30 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	Rusk Park, Elm and Center St., Pasadena	7:30 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	0.08 to 1.22 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	1222 Sheldon Rd., Channelview	7:33 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	7000 Harrisburg Blvd., Houston	7:35 PM	MultiRAE Pro	VOC, LEL, CO, H2S, O2	0 ppm, oxygen normal	No odor
3/28/2019	1854 Sheldon Rd., Channelview	7:45 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	520 Manor St., Houston	7:45 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	14236 Gainesville St., Houston	8:00 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	Light Company Park, W. Shaw Ave. and Park St., Pasadena	8:00 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	0.12 to 1.4 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Light Christian Center, 7313 E. Houston Rd., Houston	8:00 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.7 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	15826 Market St. Rd., Channelview	8:02 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	14001 Longview St., Houston	8:15 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor

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<b>Date</b>	<b>Location</b>	<b>Time (Approx.)</b>	<b>Instrument</b>	<b>Parameters</b>	<b>Survey Results</b>	<b>Other Notes/Observations</b>
3/28/2019	11975 Tidwell Rd., Houston	8:25 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	0.2 ppm; 0 ppm, oxygen normal	There was a wood burning odor for the first 5 minutes of the survey. Might be from someone's BBQ from the neighborhoods behind us.
3/28/2019	16368 Market St. Rd., Channelview	8:28 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Frankie St. and Brownwood St., Houston	8:30 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	16618 Market St. Rd., Channelview	8:40 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Charles Milby Park, Houston	8:42 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	0.09 - 1.5 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Nimitz St. and Frankie St., Houston	8:45 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	17130 Market St. Rd., Channelview	8:52 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	10012 Tidwell Rd., Houston	8:52 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	1.1 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13817 Force St., Houston	9:00 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	17808 Market, Channelview	9:04 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13509 Peoria St., Houston	9:15 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	18327 Market St. Rd., Channelview	9:16 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Scarborough Ln. and Cranbrook Way, Pasadena	9:18 PM	TVA; MultiRAE Pro	VOC; LEL, VOC, H2S, CO, O2, Gamma	0.26 - 1.59 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13500 Topeka St., Houston	9:30 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	105 Crosby Lynchburg Rd., Baytown	9:37 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13202 Laguna St., Houston	9:45 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	676 Crosby Lynchburg Rd., Baytown	9:49 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	841 Redondo Dr., Houston	10:00 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	294 Crosby Lynchburg Rd., Baytown	10:02 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

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3/28/2019	Cimarron Elementary School, 816 Cimarron St., Houston	10:15 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	Clinton Park, Houston	10:15 PM	UltraRAE; MultiRAE	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	206 Ellis School Rd., Highlands	10:16 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	301 South Main St., Highlands	10:30 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	13125 Indianapolis St., Houston	10:30 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	3000 block of Carr St., Houston	10:35 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	2.7 - 2.8 ppm; 0 ppm, oxygen normal	No odor - background location
3/28/2019	907 North Main St., Highlands	10:44 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12730 Chambly Dr., Houston	10:45 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	16th St. and Hunter St., Galena Park	10:54 PM	UltraRAE; MultiRAE	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	905 East Canal Rd., Highlands	10:57 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12827 Orleans St., Houston	11:00 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	14500 Pine Trails, Channelview	11:05 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	9099 Thompson Rd., Highlands	11:09 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	St. Dominic Catholic Church, Houston	11:14 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.10 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	14203 Pinewest Dr., Channelview	11:15 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	12527 St. Claude St., Houston	11:15 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	3750 N McCarthy St., Houston	11:20 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	1.8 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	7959 Thompson Rd., Highlands	11:22 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6635 Thompson Rd., Baytown	11:27 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	San Jacinto College, North Campus, Channelview	11:30 PM	MultiRAE Light	LEL, VOC, NH3, CL2, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	North Shore Middle School, 120 Castlegory Rd., Houston	11:30 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	Royalwood Church, Houston	11:32 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	0.04 ppm; 0 ppm, oxygen normal	No odor



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Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
3/28/2019	Galena Park Elementary School, Galena Park	11:38 PM	UltraRAE; MultiRAE	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	7829 Bayway Dr., Baytown	11:40 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	134 Black Rock Rd., Houston	11:45 PM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/28/2019	Cliff Tuttle Park, Houston	11:50 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	1.2 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	6975 Bayway Dr., Baytown	11:54 PM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/28/2019	Cravens Early Childhood Academy, Houston	11:58 PM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.27 ppm; 0 ppm, oxygen normal	No odor

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Date	Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
3/29/2019	6119 Bayway Dr., Baytown	12:03 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	366 Queenstown Rd., Houston	12:10 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	5108 Wade Rd., Baytown	12:20 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	13623 Twopenny Ln., Houston	12:20 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	Galena Park High School, Galena Park	12:22 AM	UltraRAE; MultiRAE	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Macedonia Baptist Church, Tite St. and Teal St., Houston	12:25 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	0.2 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	6214 Wade Rd., Baytown	12:35 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Purple Sage Elementary, 6500 Purple Sage Rd., Houston	12:35 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	14606 Flair Dr., Houston	12:45 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	The Varnett School Northeast, Houston	12:52 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.11 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	6318 Woodbend Dr., Houston	1:00 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	Candy St. and Laurentide St., Houston	1:02 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	0.5 ppm; 0 ppm, oxygen normal	Moderate garbage odors observed.
3/29/2019	14143 Meyerville Dr., Houston	1:15 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	Monahan Elementary School, Houston	1:25 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.20 ppm; 0 ppm, oxygen normal	No odor

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3/29/2019	15761 Market St. Rd., Channelview	1:28 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	TCEQ HQ called, reported reading in this area, mobilize to area and check ½ mile in all directions of Sheldon and Market intersection, meet at Allied International, reported readings on Jacinto Port Rd..
3/29/2019	12892 Royce Ln, Houston	1:35 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	15602 Market St. Rd., Channelview	1:40 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Robinson Elementary School, 12425 Woodforest Blvd., Houston	1:50 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	621 South Sheldon Rd., Channelview	1:54 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Finnigan Park, Houston	1:55 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	0.5 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Green Valley Elementary School, 13350 Woodforest Blvd., Houston	2:05 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	United Covenant of Hope - Church of God, Houston	2:05 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.33 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	16124 Market St. Rd., Channelview	2:08 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor, return to last area to complete it.
3/29/2019	North Shore Ninth Grade Campus, 13501 Hollypark Dr., Houston	2:20 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	7118 Wade Rd., Baytown	2:33 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Cobb Sixth Grade Campus, 6722 Uvalde Rd., Houston	2:35 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	5100 block of Evella St., Houston	2:35 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	0.6 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Sheldon Sports Complex, Houston	2:36 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.45 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	11634 Woodbuck Trl., Houston	2:45 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	3001 Tameyoza Lane, Baytown	2:47 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor

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3/29/2019	Down Bayou Ln., Houston	2:55 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	9171 Wade Rd., Highlands	3:01 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	11627 Wood Shadows Dr., Houston	3:05 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	Swiney Park, Houston	3:10 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	0.6 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	11018 Lafferty Oaks St., Houston	3:15 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	2482 North Battlebell Rd., Highlands	3:16 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	J. W. Oates Elementary School, Houston	3:20 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.55 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	7287 Harlem Rd., Baytown	3:24 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Ferr High School, 500 Mercury Dr., Houston	3:30 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	5385 West Cedar Bayou Lynchburg Rd., Baytown	3:34 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	5280 West Baker Rd., Baytown	3:43 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	1818 Kaitlyn Dr., Houston	3:45 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	Faith Temple Memorial Church, Houston	3:48 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.53 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Mickey Leland Park, Houston	3:50 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	0.3 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	100 North Burnett Dr., Baytown	3:51 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	1818 Riane Ln., Channelview	3:55 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	872 Jones Rd., Highlands	4:04 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	B.C. Elmore Middle School, Houston	4:05 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.53 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	1414 Macclesby Ln, Channelview	4:10 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	701 Highland Woods Dr., Highlands	4:14 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	1004 Willersley Ln, Channelview	4:20 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor

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3/29/2019	1823 Center St., Baytown	4:25 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	14835 Sheffield Ter., Channelview	4:30 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	Dorsett St. and Garfield St., Houston	4:30 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, SO2	0.3 ppm; 0 ppm, oxygen normal	Very light sugary odors observed.
3/29/2019	17432 River Rd., Channelview	4:39 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	1307 Oakengates Dr., Channelview	4:45 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	16204 Wood Dr., Channelview	4:52 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	15722 Granite Mountain Trl., Houston	4:55 AM	MultiRAE Light	VOC, LEL, NH3, CL2, O2	0 ppm, oxygen normal	No odor
3/29/2019	Beaumont Place Baptist Church, Houston	4:57 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	-0.75 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	16147 2nd St., Channelview	5:04 AM	UltraRAE; MultiRAE Light	Benzene; LEL, VOC, H2S, CO, O2	0.00 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	1147 Kress St., Houston	6:44 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.14 - 3.37 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	5901 Market St., Houston	7:10 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.31 - 3.66 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Royalwood Church, Houston	7:29 AM	TVA; MultiRAE	VOC; LEL, VOC, H2S, CO, O2	1.44 - 1.75 ppm; 0 ppm, oxygen normal	No odor, background location.
3/29/2019	4900 Providence St., Houston	7:40 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.45 - 3.72 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	St. Dominic Catholic Church, Houston	8:01 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	1.87 - 2.13 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	1319 Grove St., Houston	8:14 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.60 - 3.87 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	14815 Hillside Wood Cr., Houston	8:31 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.7 - 2.35 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	4202 Liberty Rd., Houston	8:42 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.64 - 3.88 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Highpoint School East (Crosby) Houston	9:04 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.32 - 2.46 ppm; 0 ppm, oxygen normal	No odor

**Friday, March 29, 2019**

<b>Date</b>	<b>Location</b>	<b>Time (Approx.)</b>	<b>Instrument</b>	<b>Parameters</b>	<b>Survey Results</b>	<b>Other Notes/Observations</b>
3/29/2019	3701 Cavalcade St., Houston	9:12 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.62 - 3.96 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Royalwood Elementary School, Houston	9:41 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.34 - 2.62 ppm; 0 ppm, oxygen normal	No odor. School Principal made inquiry. Explained our purpose to her and gave her a copy of the informational handout.
3/29/2019	Barbara Jordan High School, Houston	9:48 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.60 - 3.96 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Tidwell Lakes Ave. and Sasson Blvd., Houston	10:13 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.55 - 2.69 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Trinity Gardens Park, Houston	10:17 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.85 - 4.72 ppm; 0 ppm, oxygen normal	Lawn mowing machine in operation in the area. Rubbery smell detected.
3/29/2019	8201 John Ralson Rd., Houston	10:54 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.55 - 2.65 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	7729 Peachtree St., Houston	11:20 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.92 - 4.16 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	13303 Rosethorn Dr., Houston	11:31 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.71 - 2.81 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	5400 Lockwood Dr., Houston	11:54 AM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	4.08 - 4.80 ppm; 0 ppm, oxygen normal	No odor. Did a fresh air calibration at Calvary Methodist Church. Came back to Hutcheson Park.
3/29/2019	Oates Rd. and Pandora Dr., Houston	12:51 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.81 - 2.95 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	East Houston Church of Christ, Houston	12:52 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	4.01 - 4.30 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Liberty Park / Hobart Taylor Park, Houston	1:16 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.86 - 4.12 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	Herman Brown Park, Houston	1:20 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, O2	2.87 - 3.02 ppm; 0 ppm, oxygen normal	No odor
3/29/2019	7200 Brownsville St., Houston	1:45 PM	TVA; MultiRAE Light	VOC; LEL, VOC, H2S, CO, SO2	3.92 - 4.42 ppm; 0 ppm, oxygen normal	Rotten odor detected. Trash collection underway at location.